

MCAS El Toro Restoration Advisory Board Meeting

2 December 1998 6:30-9:00 PM
Irvine City Hall
Conference and Training Center
One Civic Center Plaza
Irvine

AGENDA

Question and Answer (Q&A) Ground Rules

- **Q&A follows individual presentations; time designated for presentations includes Q&A time.**
- **Open Q&A session (environmental topics) is at the end of the New Business segment.**
- **After meeting adjournment, Navy and Marine Corps representatives are available to answer additional questions.**

Welcome/Introductions/Agenda Review (6:30-6:35)

Joseph Joyce
Marine Corps/Navy RAB Co-chair

Old Business (6:35-6:50)

Approval of 9/30/98 Minutes (6:35-6:40)

Greg Hurley
RAB Community Co-chair

Announcements (6:40-6:45)

Joseph Joyce & Greg Hurley

Subcommittee Meeting Report (6:45-6:50)

Greg Hurley & Subcommittee Chair

New Business (6:50-8:40)

Regulatory Agency Comment Update (6:50-7:05)

Glenn Kistner U.S. EPA	Tayseer Mahmoud Cal-EPA DTSC	Patricia Hannon RWQCB
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RAB TAPP Determination (7:05-7:15)

Joseph Joyce & Greg Hurley

Record of Decision Process (7:15-7:30)

Andy Piszkin
U.S. Navy/Southwest Division

Underground Storage Tank Program at MCAS El Toro
(7:30-7:45)

Andy Piszkin

5 MINUTE BREAK (7:45-7:50)

EPA Presentation/Discussion on Perchlorate (7:50-8:40)

Glenn Kistner & Kevin Mayer U.S. EPA	U.S. EPA
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Open Q&A (Environmental Topics) (8:40-8:50)

Joseph Joyce & Andy Piszkin

Meeting Summary & Closing (8:50-9:00)

Greg Hurley & Joseph Joyce

Meeting Evaluation

Future Topics and Meetings

PUBLIC NOTICE

***MARINE CORPS AIR STATION
EL TORO***

Restoration Advisory Board Meeting



The Restoration Advisory Board is composed of concerned citizens and government representatives involved in the environmental cleanup program at MCAS El Toro. Your participation and input is important and appreciated.

**Wednesday, December 2, 1998
6:30 - 9:00 p.m.**

**Irvine City Hall
Conference and Training Center
One Civic Center Plaza, Irvine**

This meeting will feature the following activities and presentations:

- ***Record of Decision Process***
- ***Underground Storage Tank Program at MCAS El Toro***
- ***EPA Presentation/Discussion on Perchlorate***



For more information about this meeting and the Installation Restoration Program at MCAS El Toro, please contact:

Commanding General
AC/S, Environment (1AU)
Attn: Mr. Joseph Joyce, MCAS El Toro
P.O. Box 95001, Santa Ana, CA 92709-5001
(949) 726-3470 or 726-2840

MCAS EL TORO

Underground Storage Tank (UST)

Program Summary

Restoration Advisory Board
12/02/98 Meeting

Andy Piszkin
UST98D.PPT

Oversight Agencies

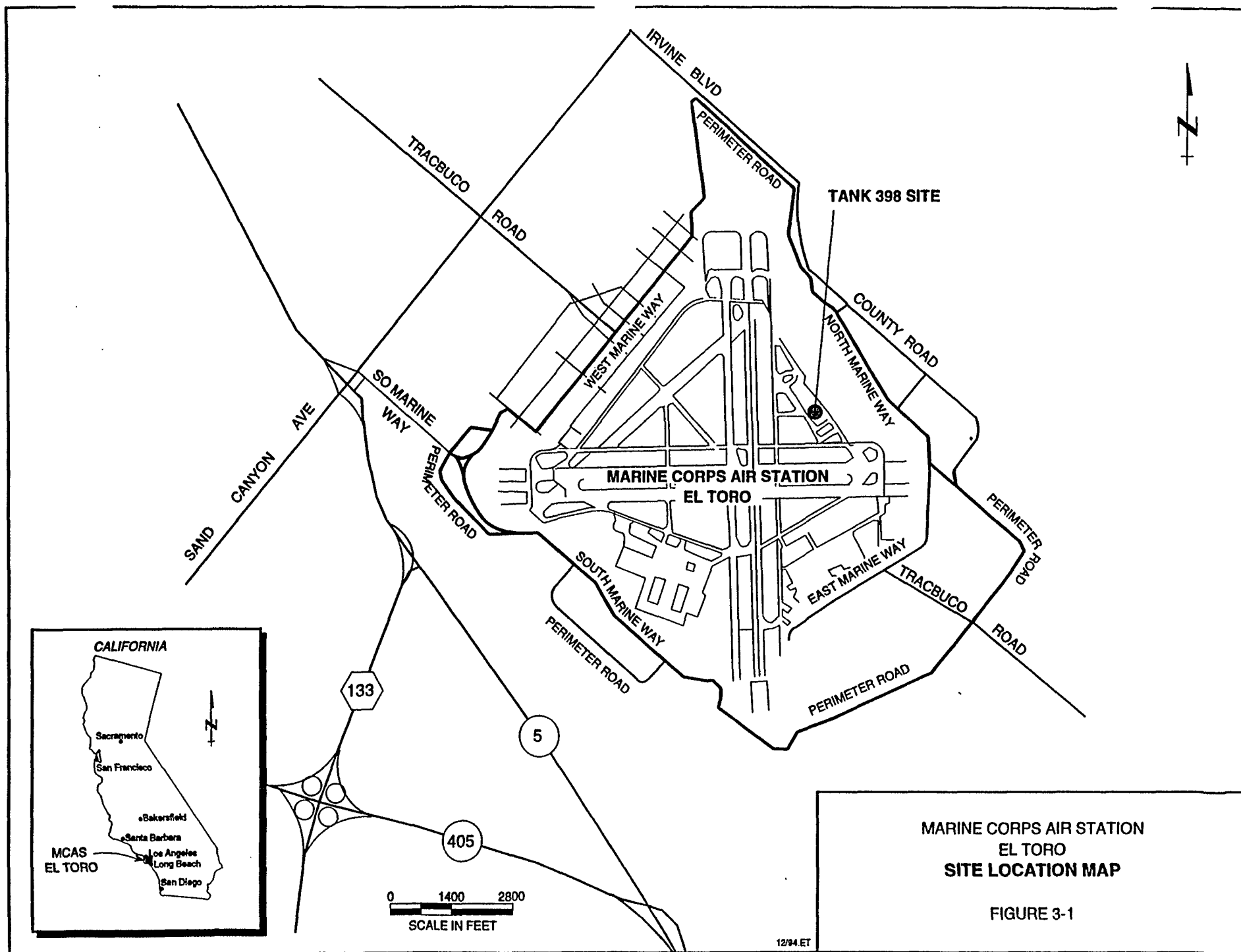
- **Orange County Health Care Agency (OCHCA)**
 - Tank removals
- **Regional Water Quality Control Board (RWQCB), Santa Ana Region**
 - Site assessments
 - Site remediation
 - Groundwater remediation

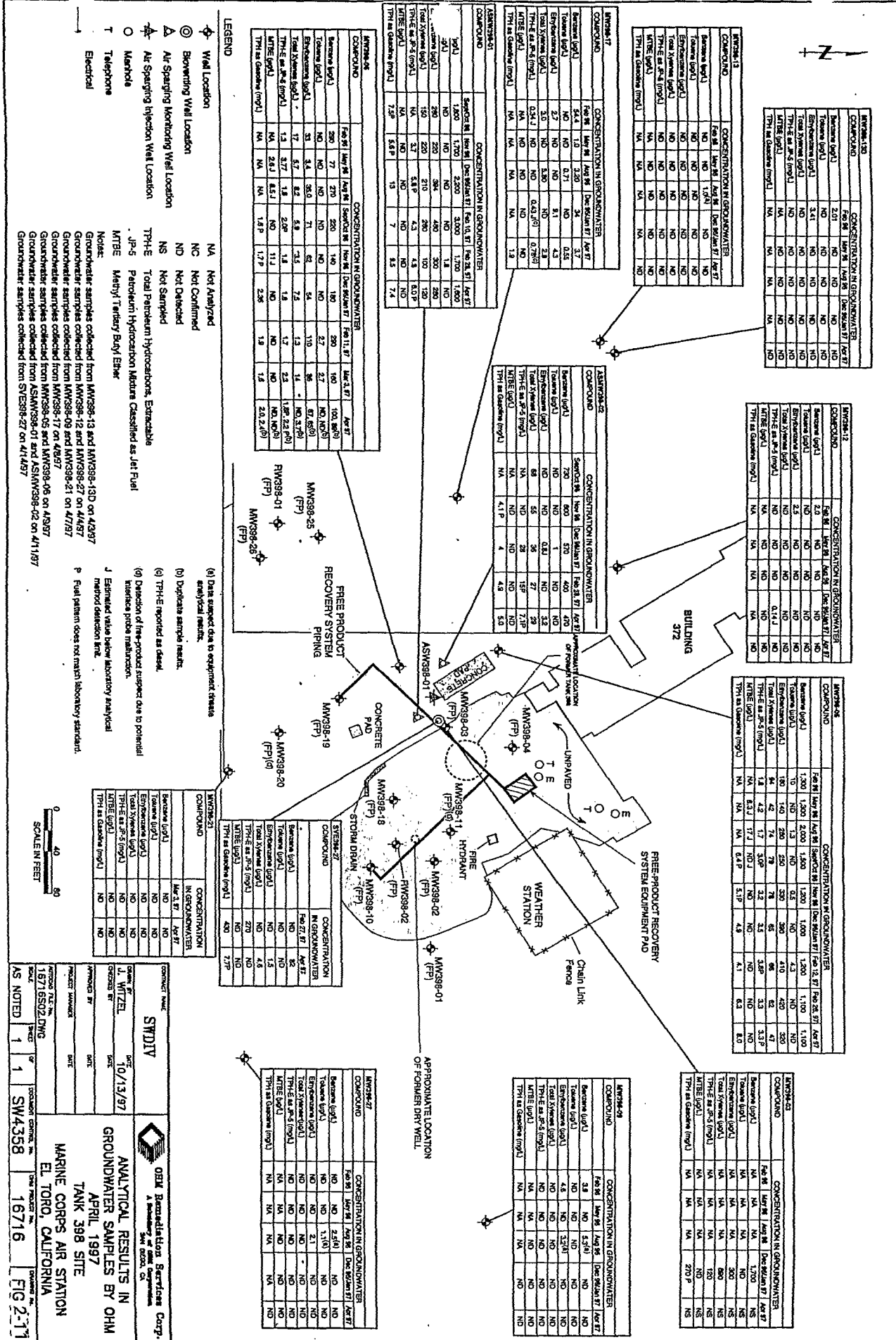
UST Program

- **398 Tanks or Former Tank Sites**
- **320 Tanks Removed**
- **285 Regulatory Closures**
- **30 Closures Under Review - RWQCB**
- **23 Under Investigation**
- **60 In Service or Await Investigation**

Oil/Water Separator Program

- **59 Oil/Water Separator (ows) Sites**
- **8 Regulatory Closures**
- **3 Closures Under Review - RWQCB**
- **10 Under Investigation**
- **38 In Service Supporting Operations**

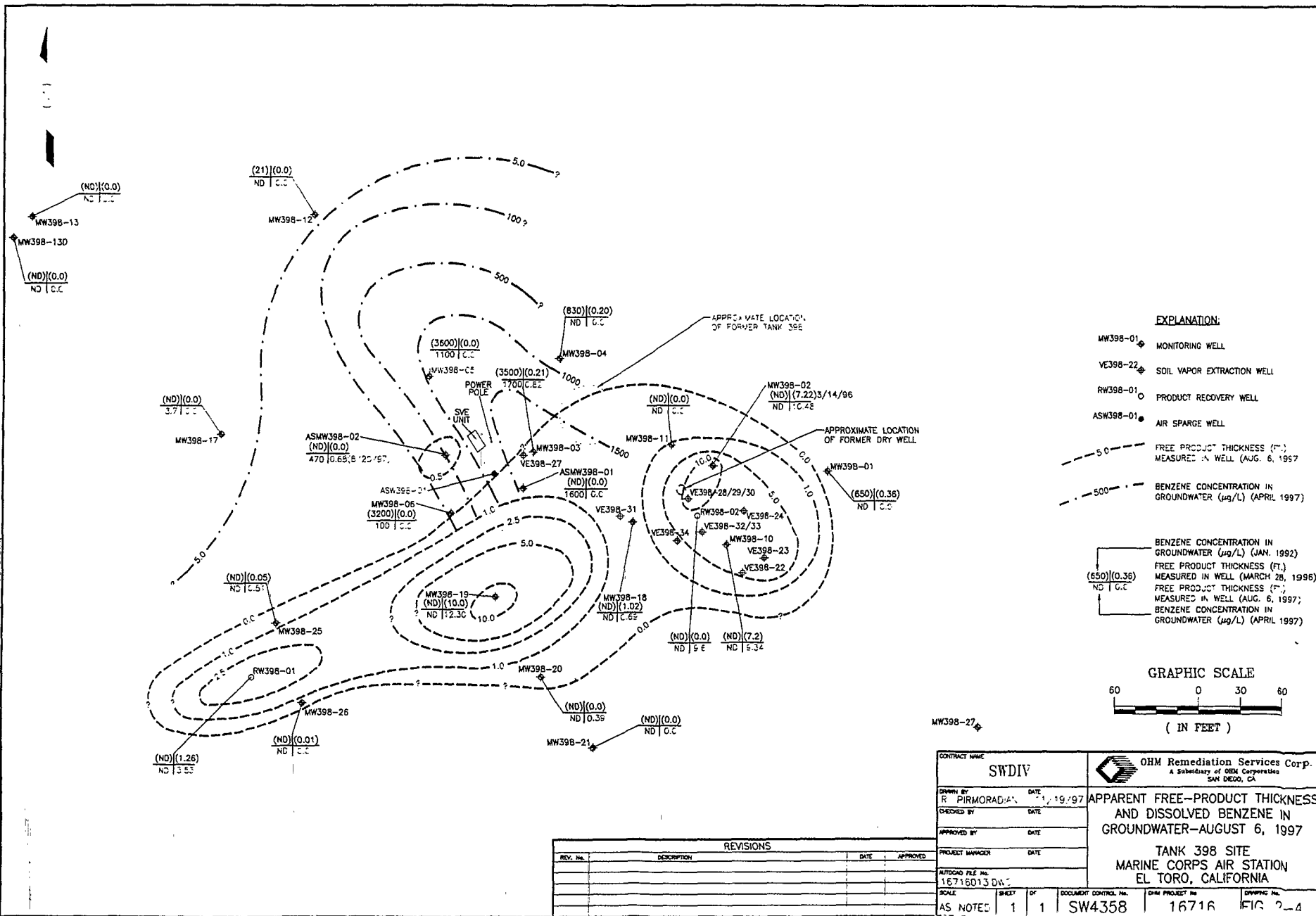




ANALYTICAL RESULTS IN
GROUNDWATER SAMPLES BY OHM
APRIL 1997
TANK 398 SITE
MARINE CORPS AIR STATION
EL TORO, CALIFORNIA

FIG 2-1

Nov 19, 1997 14:55:29 F:\PROJECTS\16716\10 16 97\16716013.dwg



Tank 398 Area

Overview of Remediation Activities

<i>Activity Description</i>	<i>Approximate Date or Duration</i>	<i>Comments</i>
Free Product (JP-5) Removal	April - November 1991	Approximately 1,000 gallons removed
Free Product (JP-5) Removal	May - September 1992	Approximately 1,000 gallons removed
Free Product (JP-5) Removal	February 1996 - June 1997	Approximately 7,800 gallons removed
Free Product (JP-5) Removal	November 1997 - September 1998	Approximately 1,800 gallons removed
<i>Free Product Removed</i>		<i>11,600 gallons (total)</i>
Soil Vapor Extraction (SVE) Treatment	Short-Duration Pilot Test of early 1990's	Mass removal was not calculated
Soil Vapor Extraction (SVE) Treatment	September 1996 - June 1997 (system was out of service for approximately 3 months (February - April 1997) for maintenance and repair activities	Approximately 99,000 pounds removed
Soil Vapor Extraction (SVE) Treatment	December 1997 - September 1998	Approximately 24,000 pounds removed
<i>Petroleum Hydrocarbon Mass Removed by SVE</i>		<i>123,000 pounds (total)</i>